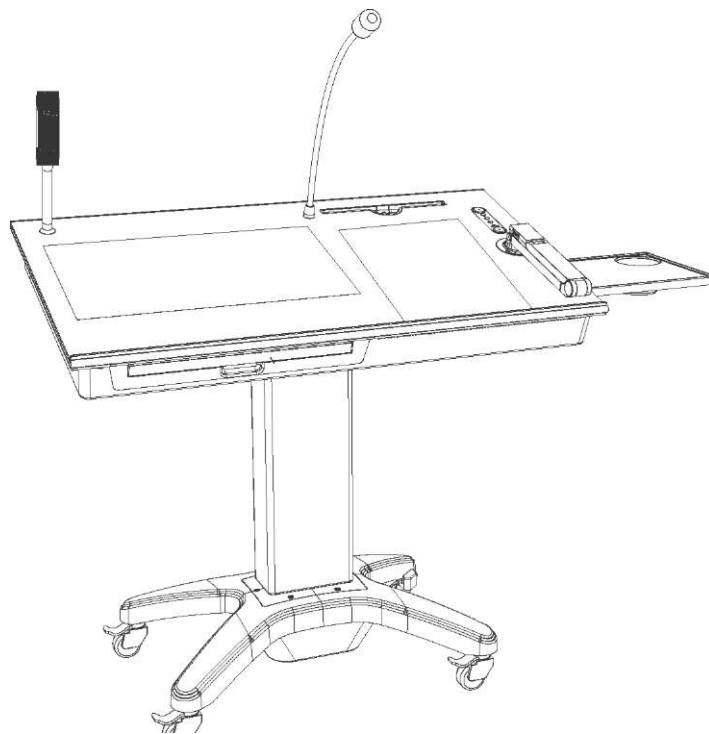


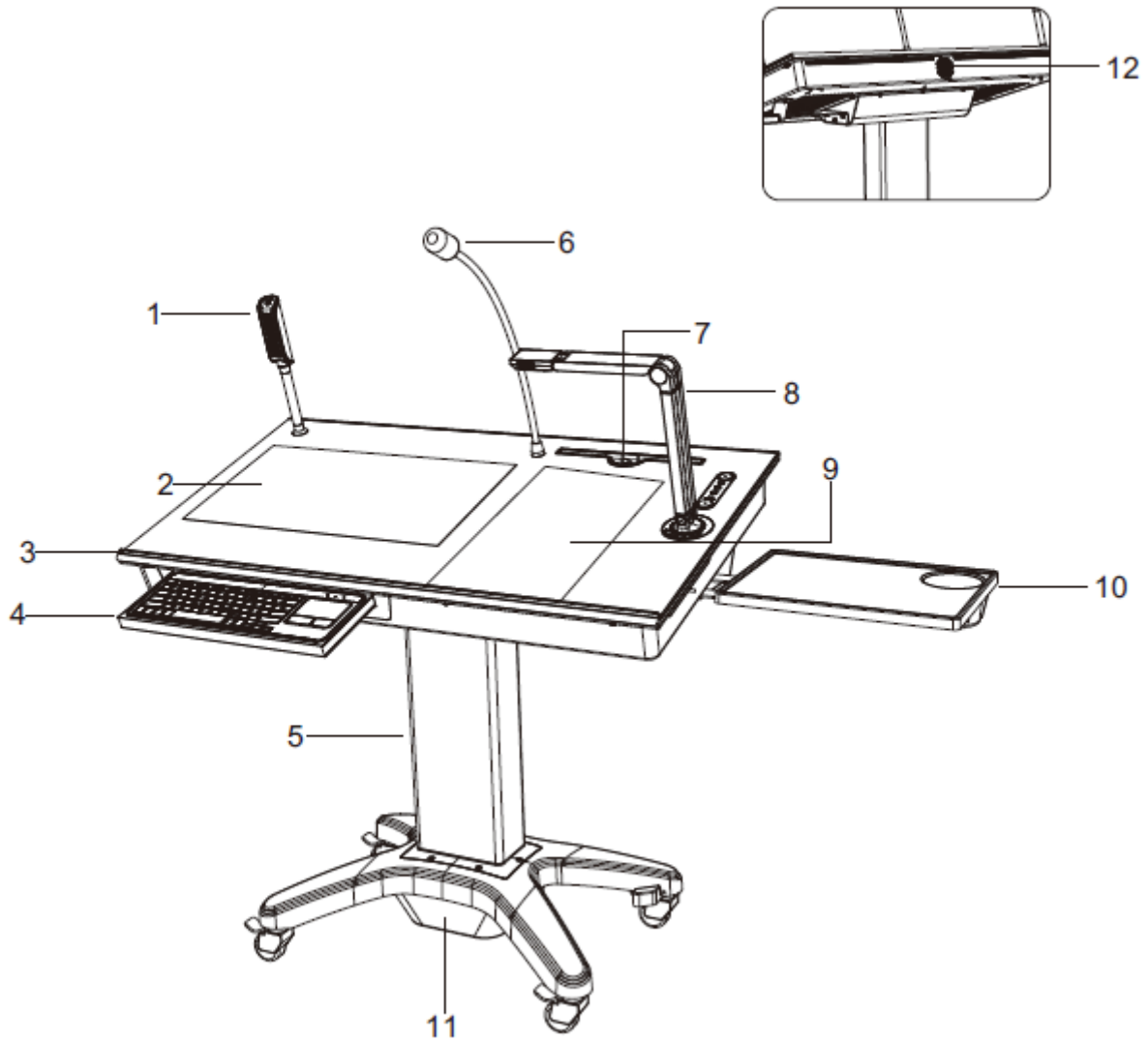
# HoverCam®

Pilot

Quick Start Guide

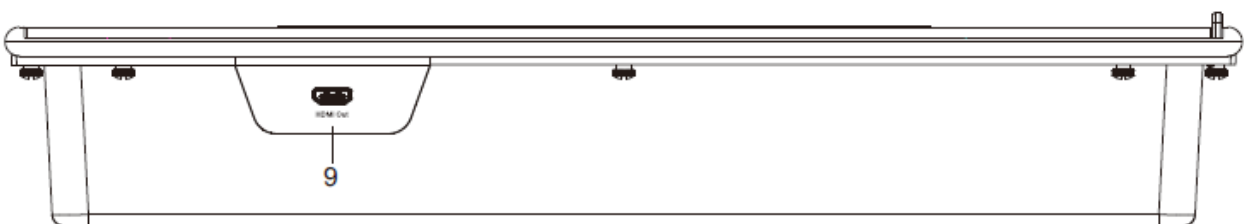
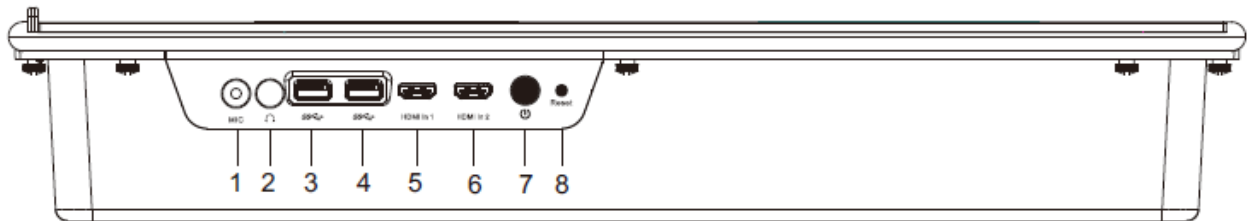
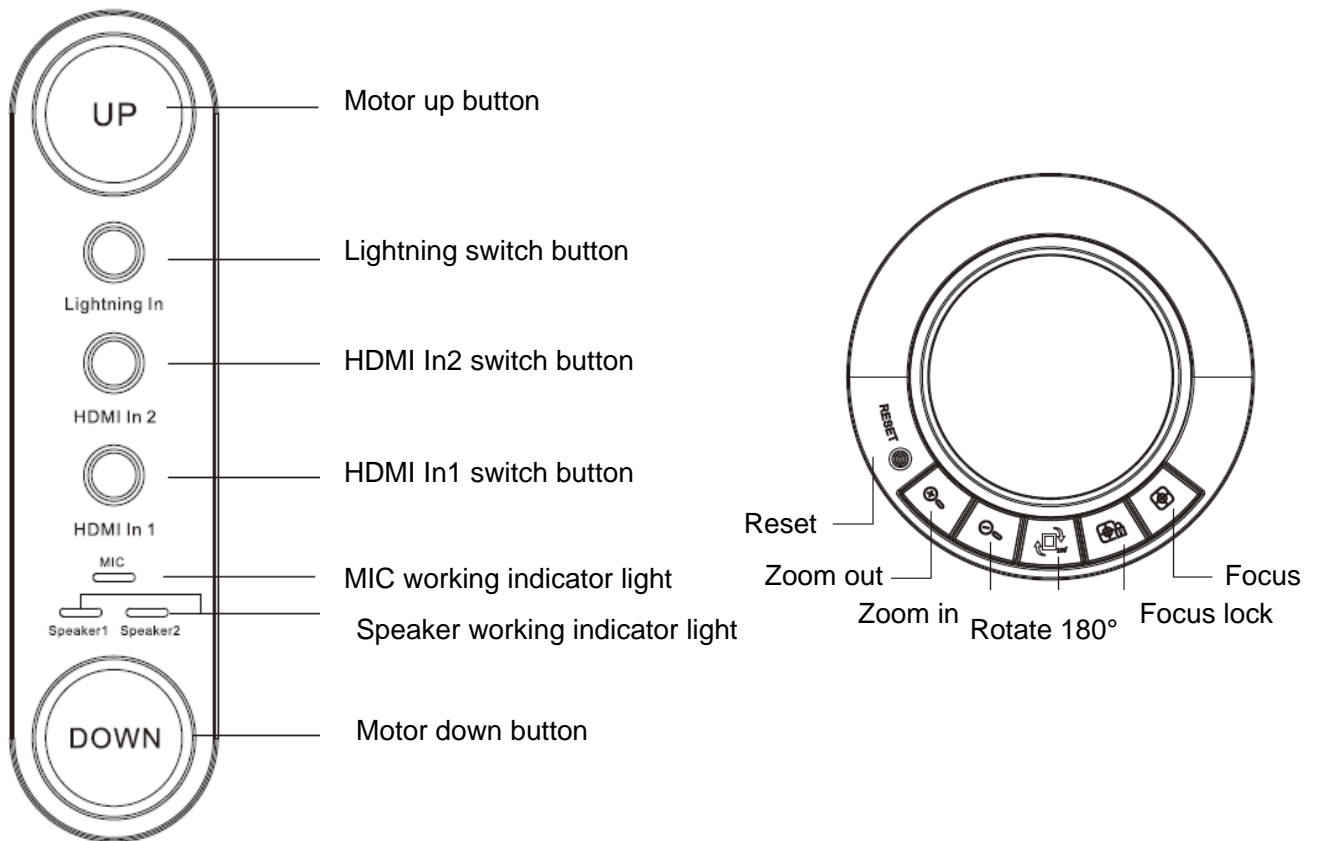


For further assistance, please visit [www.thehovercam.com/support](http://www.thehovercam.com/support) to download the manual or email us at [support@thehovercam.com](mailto:support@thehovercam.com).



- 1-----HDMI
- 2-----21.5" touch screen
- 3-----Baffle
- 4-----Keyboard
- 5-----Motor lifting lever
- 6-----MIC

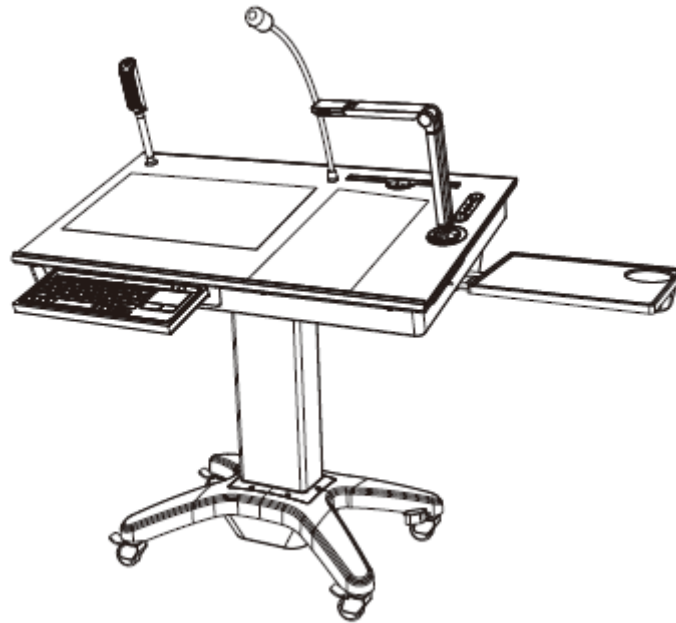
- 7-----Lightning slot
- 8-----Solo Video booth
- 9-----Positioning plate
- 10-----Tray
- 11-----220V power line
- 12-----Cooling fan



- |                 |                |
|-----------------|----------------|
| 1 -----MIC      | 6-----HDMI In2 |
| 1 -----Earphone | 7-----Power    |
| 3 -----USB3.0   | 8-----Reset    |
| 4-----USB3.0    | 9-----HDMI Out |
| 5-----HDMI In1  |                |



Electric height-adjustable desk  
Height range: 78 cm to 110 cm



High-definition and high-speed exhibition platform featuring 13 million pixels and autofocus

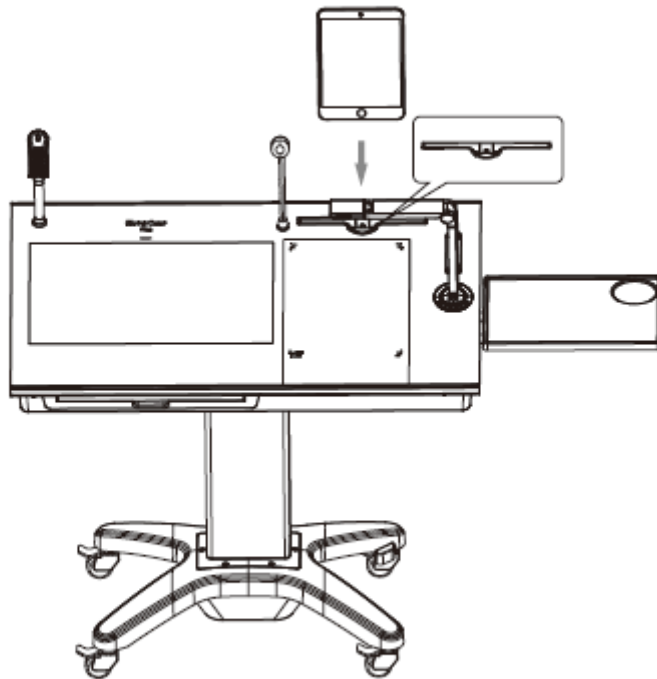


Multi-angle and multidimensional display of objects

The platform includes common operation tools such as a computer, centrally controlled touch screen, speaker, keyboard, and mobile terminals. The lateral tray can hold computer books, cups, and other articles. With a 6 m power line connected, the platform can be moved conveniently.

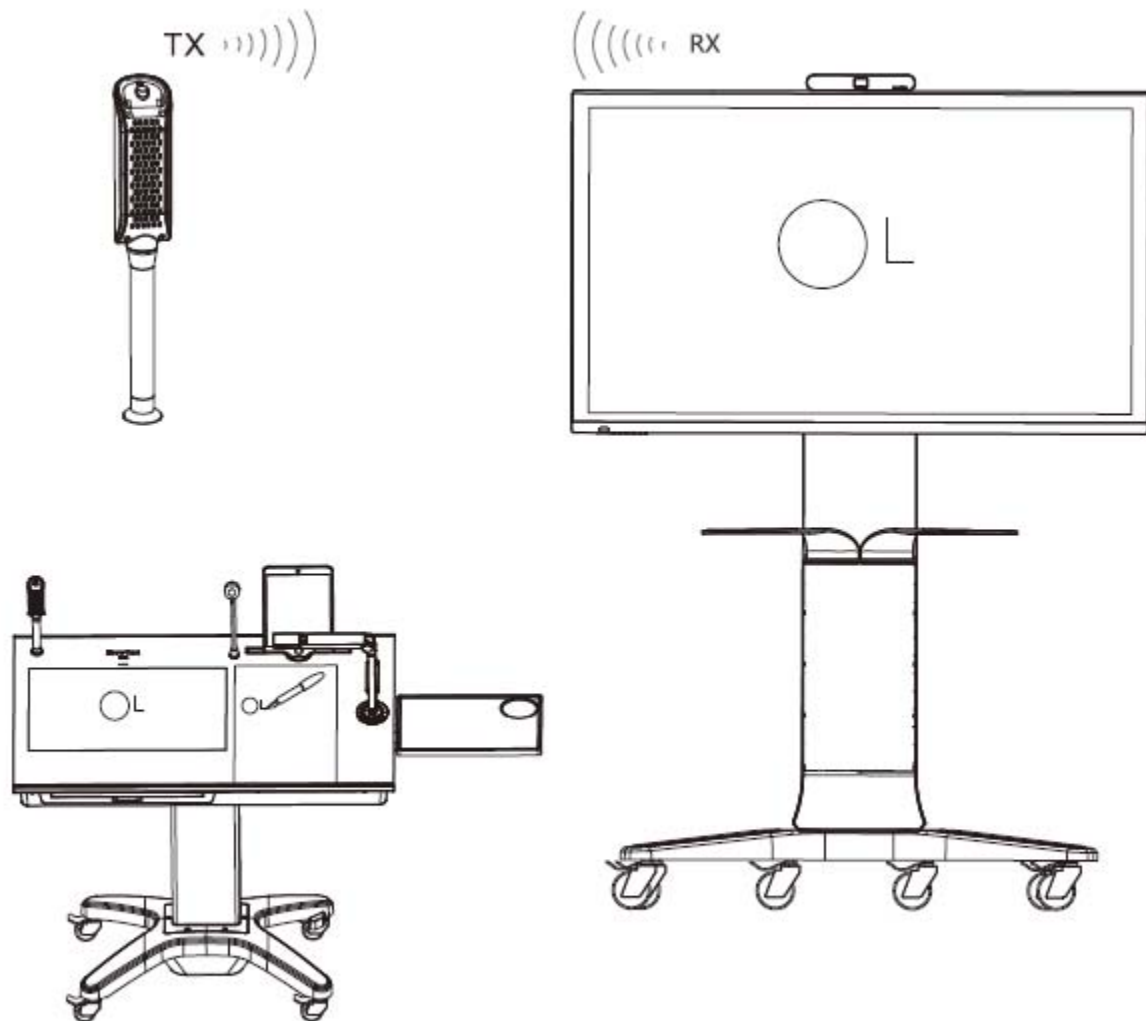
## External Computer and Mobile Devices

The platform has multiple interfaces for connecting to a PC, Mac, iPad, and other mobile devices to display the contents of the connected devices.



## HDMI-based Wireless Sending/Receiving Technology

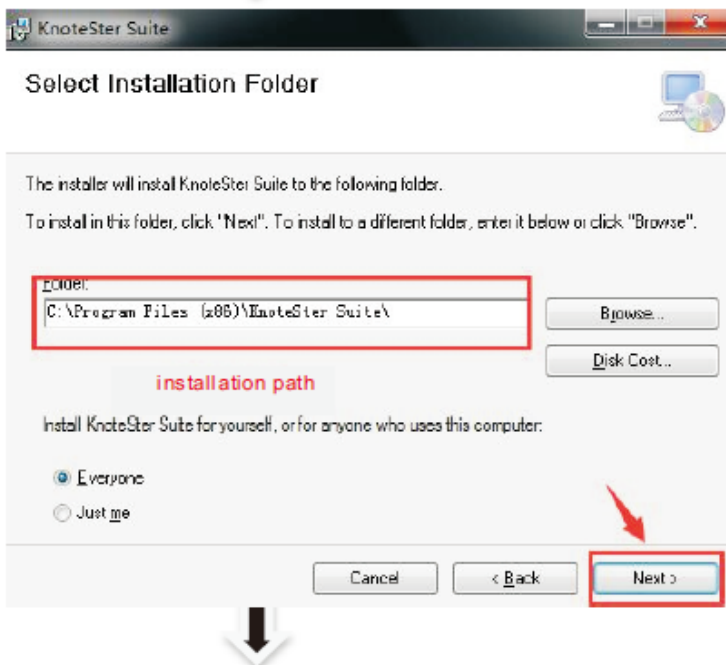
The platform can wirelessly synchronize 1080p high-definition videos with any interactive display, with support for bidirectional multipoint touch operation.



Installation procedure:

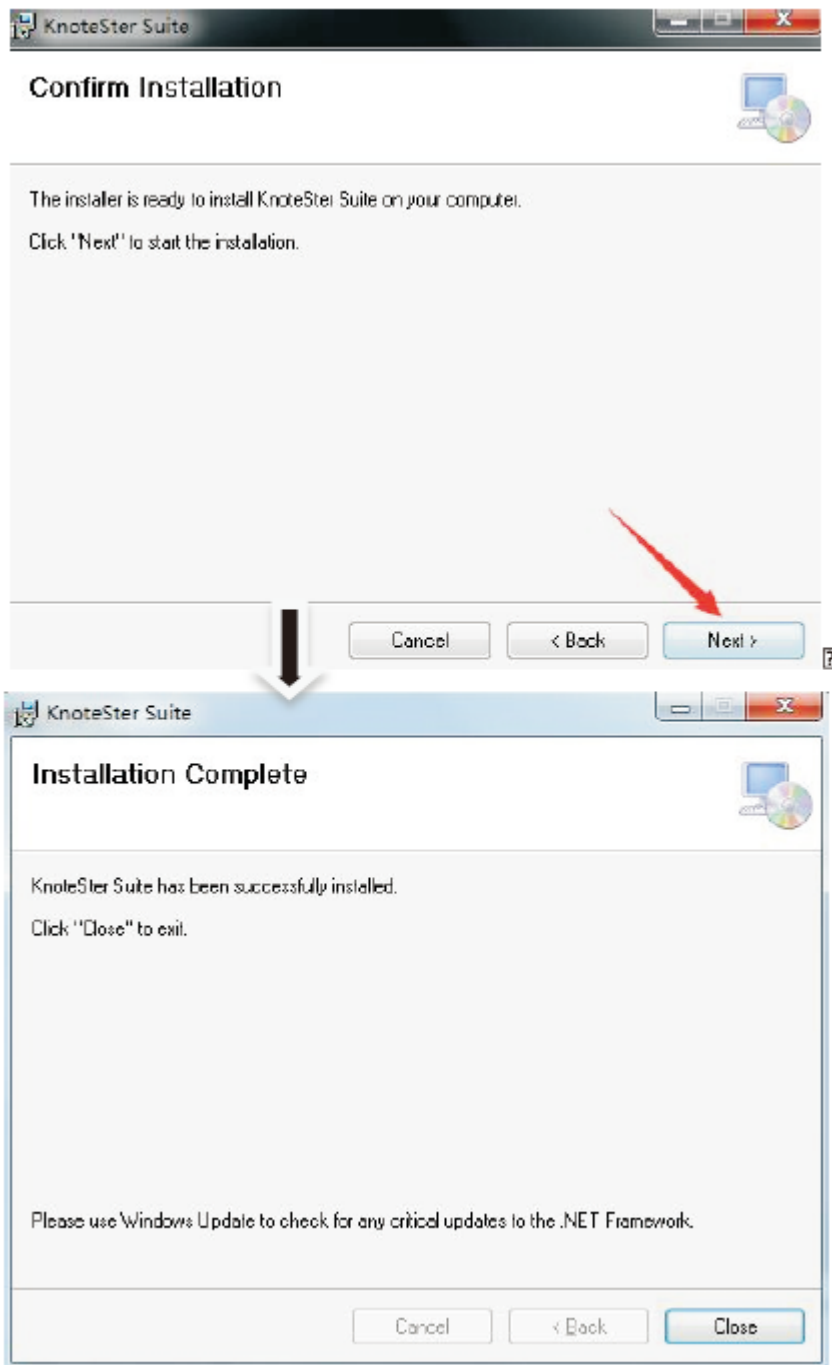


Double-click the installation program `Knotester.msi`. The installation wizard is displayed, as shown in the following figure. Install KnotesterSuite step by step according to instructions. To continue installation, click **Next**.



The left-side figure shows the interface for selecting the installation folder. If you use the default installation path, click **Next**. If you want to use another installation path, click **Browse** and select the desired path. Then click **Next**.

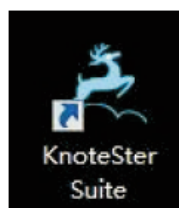





Click **Next**. The installation progress bar is displayed.

Click **Close** after installation is completed.

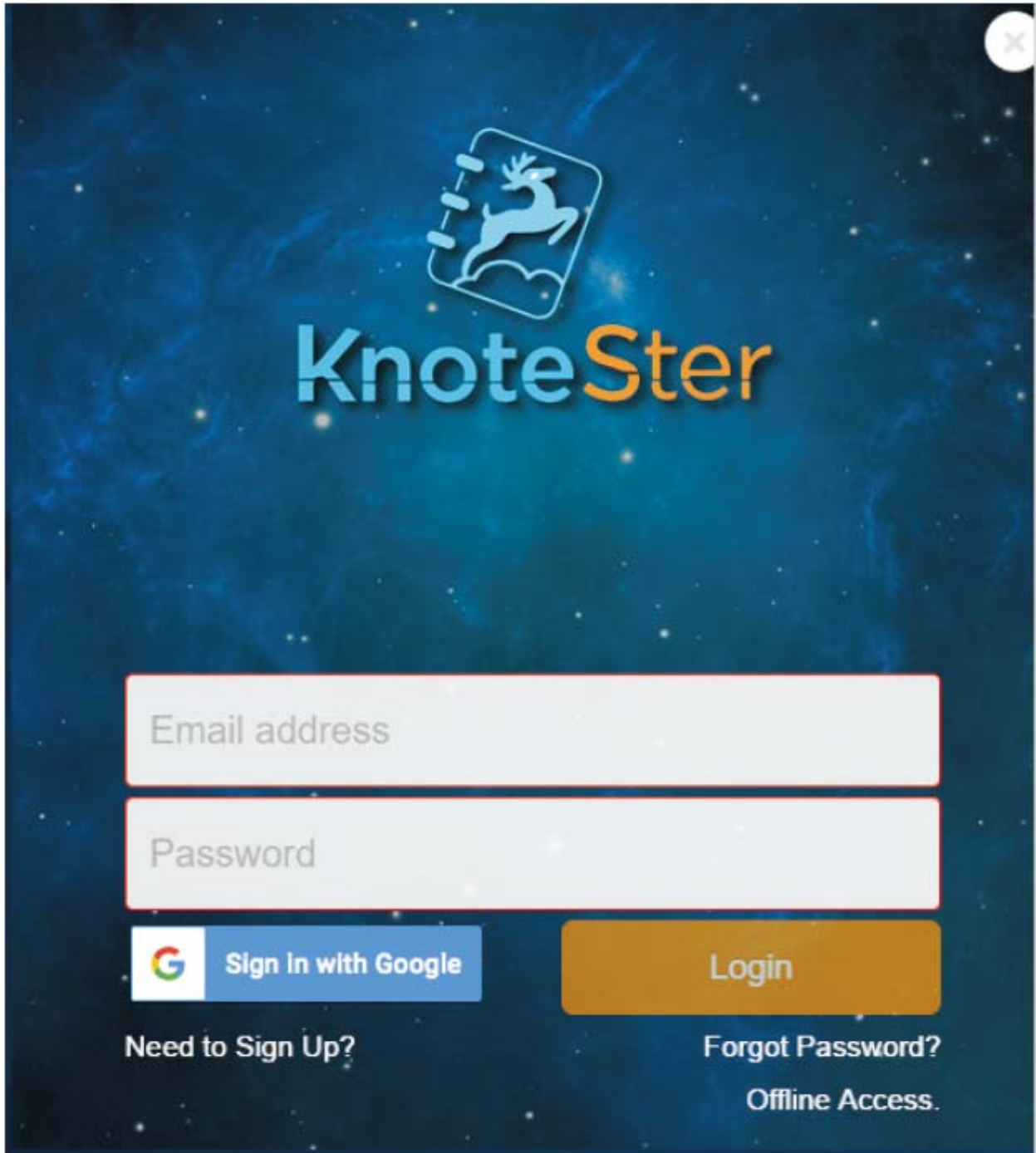
1.1 After installation, the **KnoteSter Suite** shortcut icon is automatically created on the desktop, as shown in Figure 1.1. Double-click this icon to start KnoteSter.



## Login and registration:

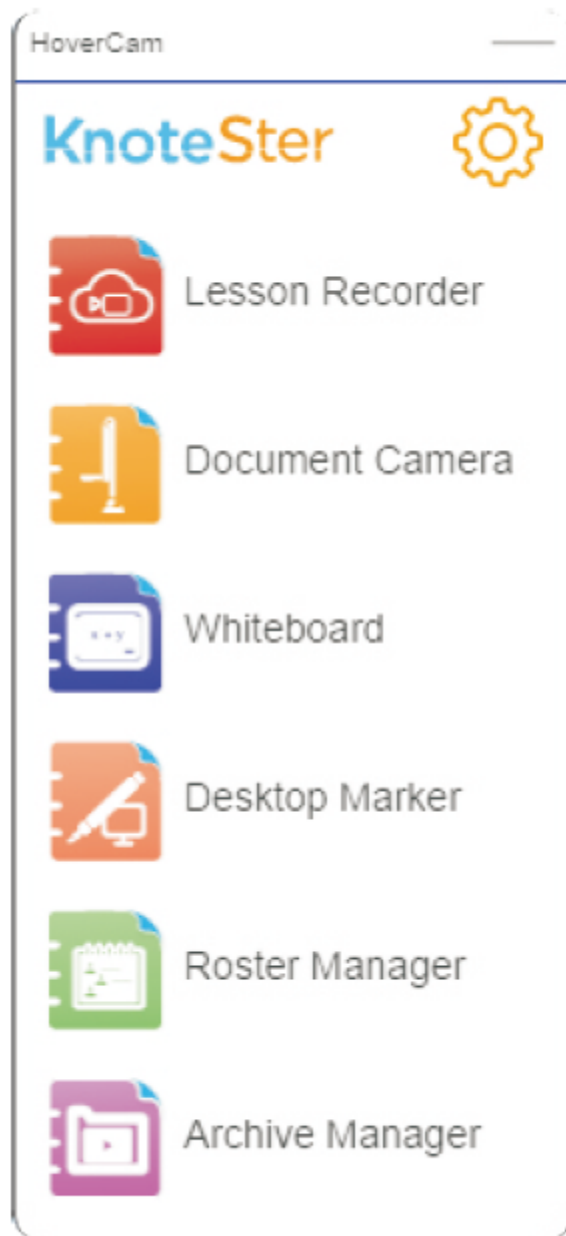
2.1 Click  to log in or register a new account.

If you already have an account, enter your account name and password. If you are a new user, register an account before login.



The image shows a login and registration interface for KnoteSter. The background is a dark blue space-themed pattern with stars and nebulae. At the top center is the KnoteSter logo, which features a white silhouette of a deer with antlers inside a rounded square frame with horizontal lines on the left side. Below the logo, the text "KnoteSter" is displayed in a large, bold font, with "Knote" in light blue and "Ster" in orange. Below the logo and text are two input fields: "Email address" and "Password", both with a light gray background and a thin red border. Below the "Email address" field is a blue button with the Google logo and the text "Sign In with Google". To the right of this button is a larger orange button with the text "Login". Below the "Email address" field, there are two links: "Need to Sign Up?" and "Forgot Password?". Below the "Forgot Password?" link is the text "Offline Access.". In the top right corner of the interface, there is a small white circle with a black 'x' inside, likely a close button.


2.2 Double-click to start KnoteSter. The following figure shows the function menu of KnoteSter.

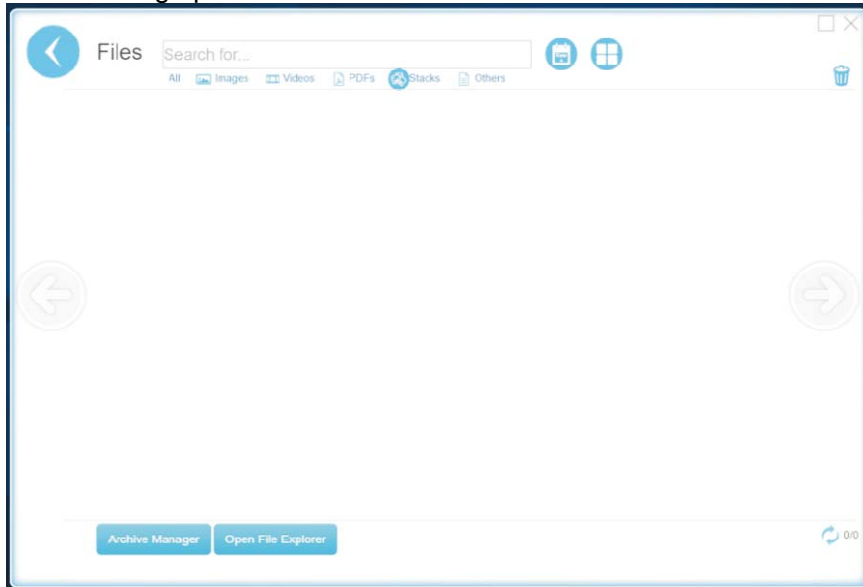


## 1. Recording




Lesson Recorder

Click  to record classes and upload recordings to the cloud in real time to form notes. No large files need to be uploaded. The upload process ends when class is over. Teachers can mark key points and knowledge points for student to review after class.

A screenshot of the Lesson Recorder form. The title bar says "Enter lesson information here" and has a close button. The form has three input fields: a required name field, a summary description field, and a dropdown menu showing "--- Loading class information failed ---". At the bottom are two orange buttons: "Start Recording & Upload" and "Start Recording Only".

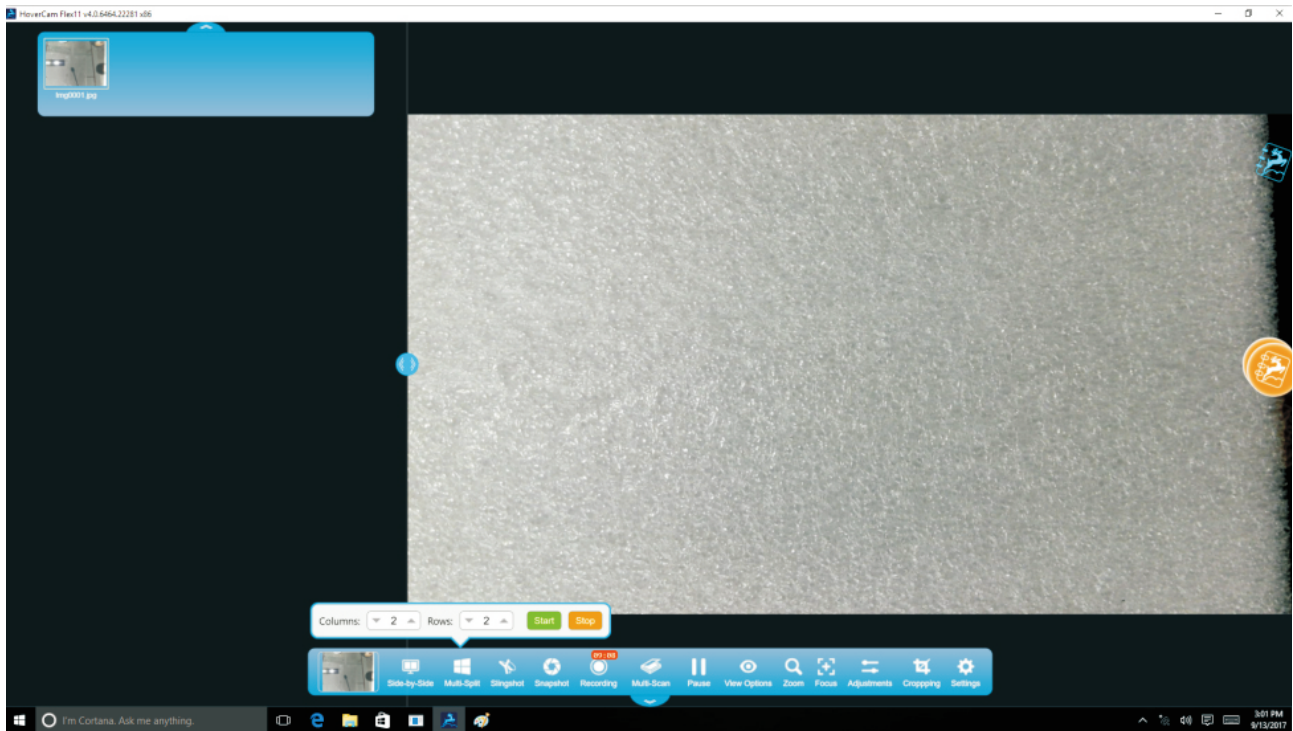
## 2. High-definition Exhibition Platform

Click  Document Camera to select the parameters and method of recording and start video recording.

- **Screen split**


### Slingshot


The screen split feature supports 2 panes and multi-pane. You can go to multi-pane settings to set the number of displayed images in transverse and longitudinal directions. You can insert pictures taken by camera or pictures from other materials for comparison purposes. Screen split enables unified comparison for scientific experiments or comparative evaluation, as well as local comparison by zooming.

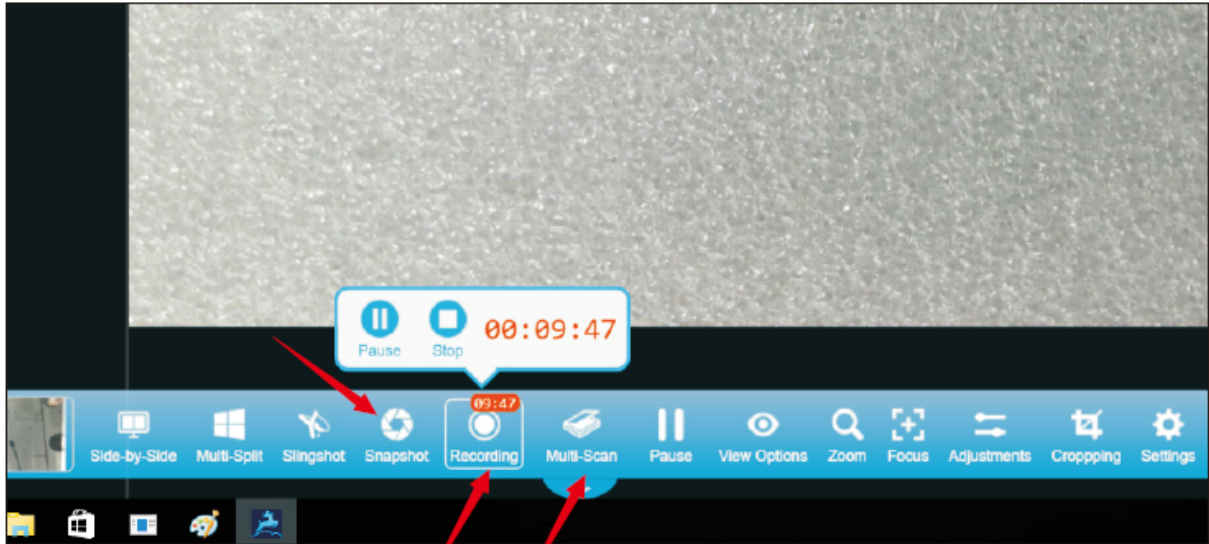


- **Other recording functions**




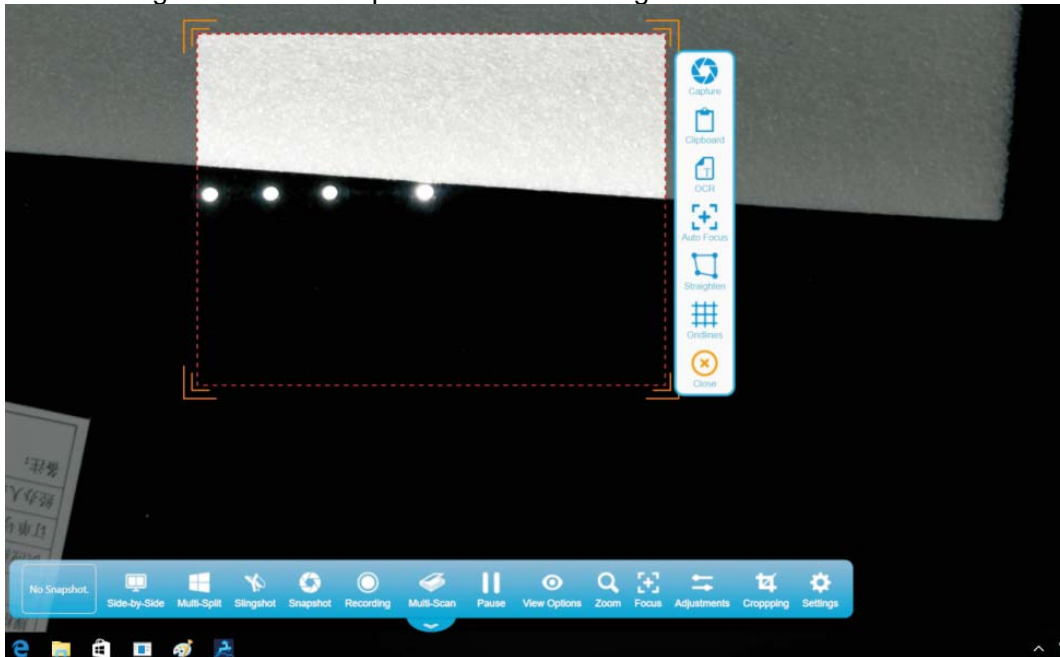
Click  to suspend Knotester on top of other software to edit Word documents or paste pictures.

- Click  to take a snapshot, start recording, or take consecutive pictures. Which function to use depends on the data collection method. To take a snapshot, you can also double-click the target.





- **Cropping**


Click  and drag the frame to crop out the desired image collection area.





- **Description of other cropping functions**


 **Capture** : Click to take a picture. You can also double-click the cropped area to take a picture of it.


 **Clipboard** : Click to take a picture of the selected image collection area and paste the picture to a Word document or other types of document and software for direct use.

 **OCR** : Click to implement electronic recognition of the text in the selected area by using the OCR function.

 **Auto Focus** : Click to manually adjust the focal length when a focusing error occurs.


 **Straighten** : Click to fine-tune image collection on uneven objects by using the tilt correction function.

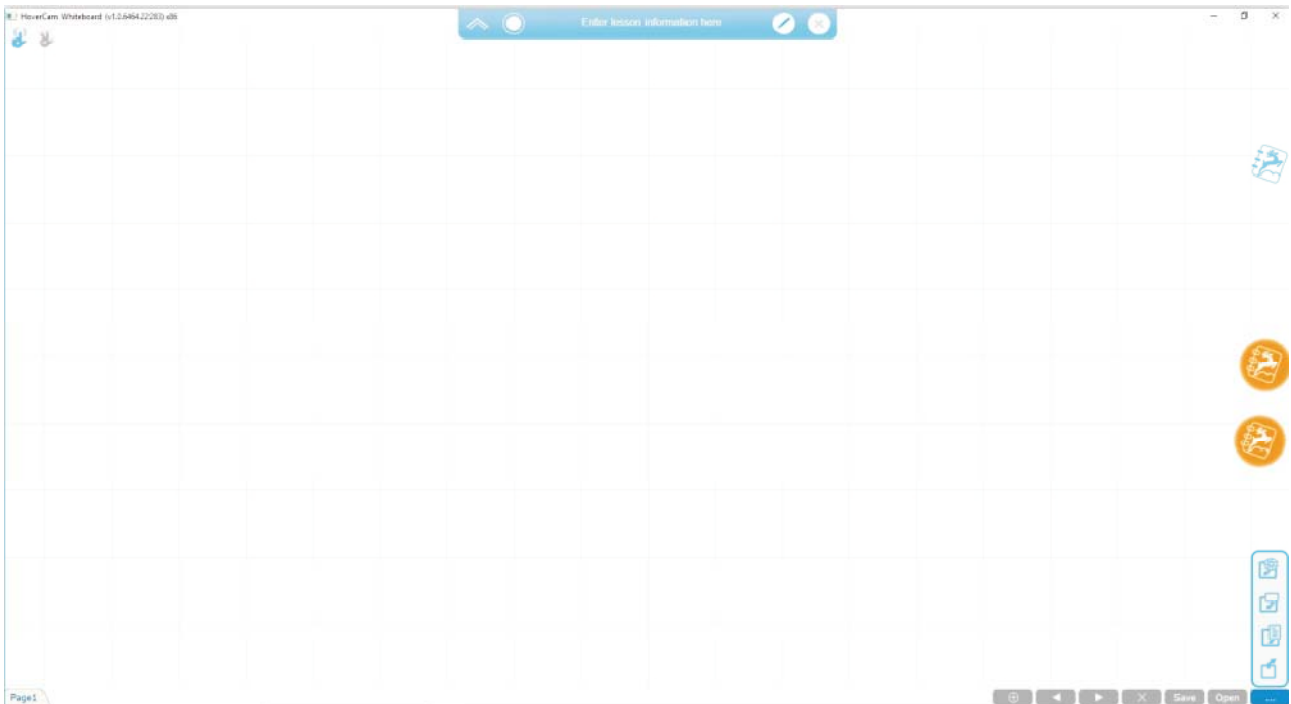
 **Gridlines** : Click to adjust the collection area in transverse and longitudinal directions in a grid.

 **Close** : Click to exit the cropping function.

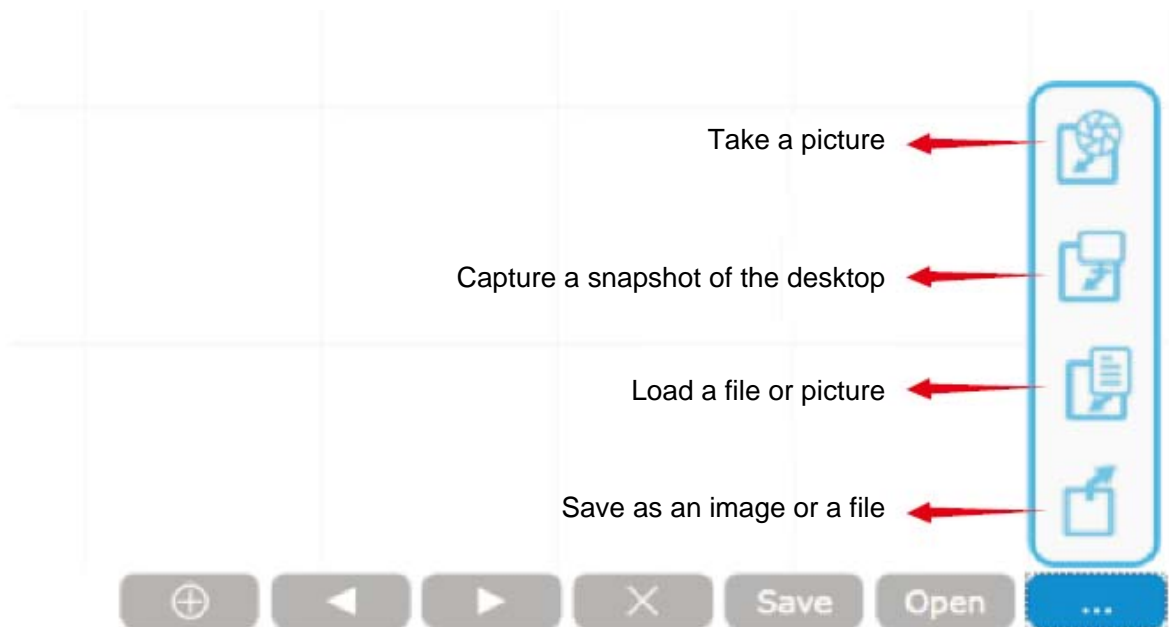
### 3. Interactive Whiteboard



Click  to enable the whiteboard function, which supports single-/multi-point touch and adding/deleting whiteboard.




Description of icons:





#### 4. Desktop Marker









Click  in the middle-right part of the recording screen to start the marker software, as shown in the following figure.

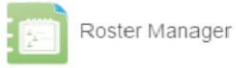
Click a function button to complete setting.




#### Description of the buttons of the marker toolbar:

-  Line: Use the mouse for marking information with lines in different colors.
-  Graph: Add different graphs or blocks to the current screen for content marking. The extended functions include selecting frames, segments, and arrows for lines to select the marked content by different methods.
-  Clear: Clear unnecessary mark traces on the screen.
-  Subtitle: Add subtitles to the recording area.
-  Select: Move existing marks and identifiers.
-  Undo and redo: Eliminate the impact of misoperation.


## 5. Student Management

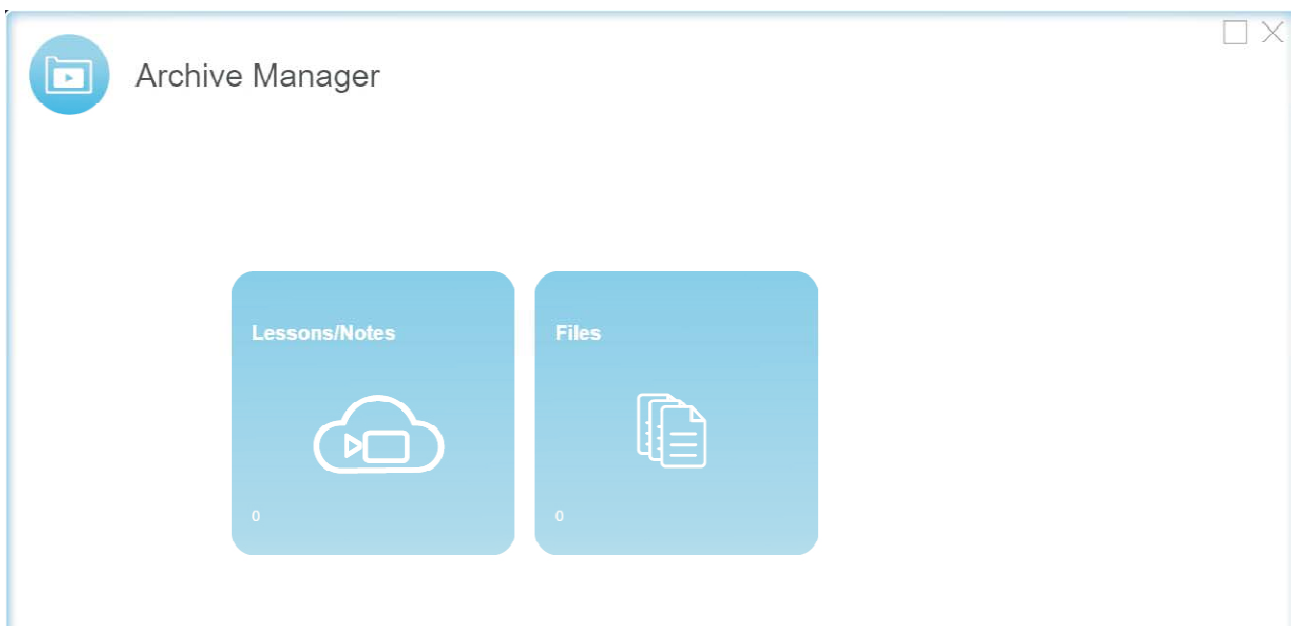


Click  to create class information by semester for ease of student information management.

## 6. File Management



Click  to store the videos and pictures that are generated during class/microclass recording as well as those generated by the high-definition exhibition platform and interactive whiteboard. Archive Manager consists of two modules: Lessons/Notes and Files, which provide an easy way to find desired files.



**FCC Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.